

V.3.3-SET-TS SET TIME SERIES VALUES OPERATION

Identifier: SET-TS

Application: All programs

Description: This Operation sets all of the values in a time series to the specified value.

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Allowable Data Time Intervals: 1, 2, 3, 4, 6, 8, 12 and 24 hours

Input Summary: The card input for this Operation is as follows:

<u>Card</u>	<u>Format</u>	<u>Columns</u>	<u>Contents</u>
1	2X,2A4	3-10	Time series identifier
	1X,A4	12-15	Time series data type code
	3X,I2	19-20	Time series data time interval
	3X,E10.3	24-33	Value to be set at all intervals of the time series

Sample Input and Output: Sample input is shown in Figure 1. Sample output from the parameter print routine is shown in Figure 2. There is no execution routine output.

Error and Warning Messages: The error and warning messages generated by this Operation and the corrective action to take when they occur are as follows:

1. **ERROR** THE TIME SERIES TO BE SET by SET-TS HAS NOT BEEN DEFINED. I.D.=XXXXXXXX TYPE=XXXX DT=XX HOURS
THUS, THIS OPERATION CANNOT BE EXECUTED.

Action: Check identifier, data type code and time interval specifications. Define the time series, if not already defined.

2. **ERROR** XXXXXXXX NEEDS XXXX WORDS IN P ARRAY,
BUT ONLY XXXX ARE AVAILABLE.

Action: Increase the dimension of the P array.

Carryover Transfer Rules: This Operation has no carryover values.

Punched Card Limitations: None

Figure 1. Sample Card Input For Operation SET-TS

```
          - Column -  
    5    10    15    20    25    30    35    40    45    50    55    60    65    70    75    80  
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+  
LOCAL    DFAC    6    1.000E+00
```

Figure 2. Sample Output From Operation SET-TS Print Parameter Routine

```
THE FOLLOWING TIME SERIES WILL BE SET TO A CONSTANT VALUE.  
I.D.=LOCAL      TYPE=DFAC      TIME INTERVAL= 6 HOURS      VALUE= 1.000E+00
```